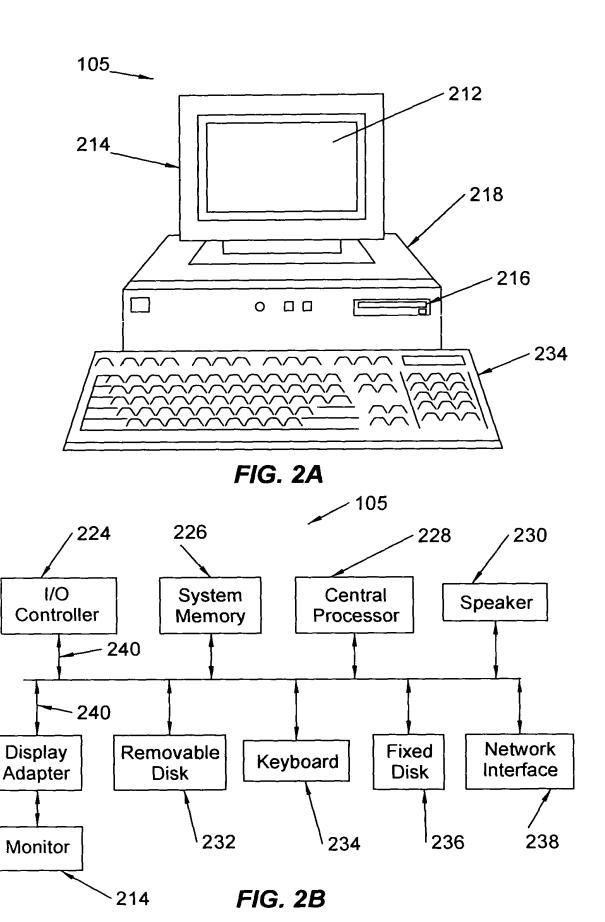


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FIG. 1



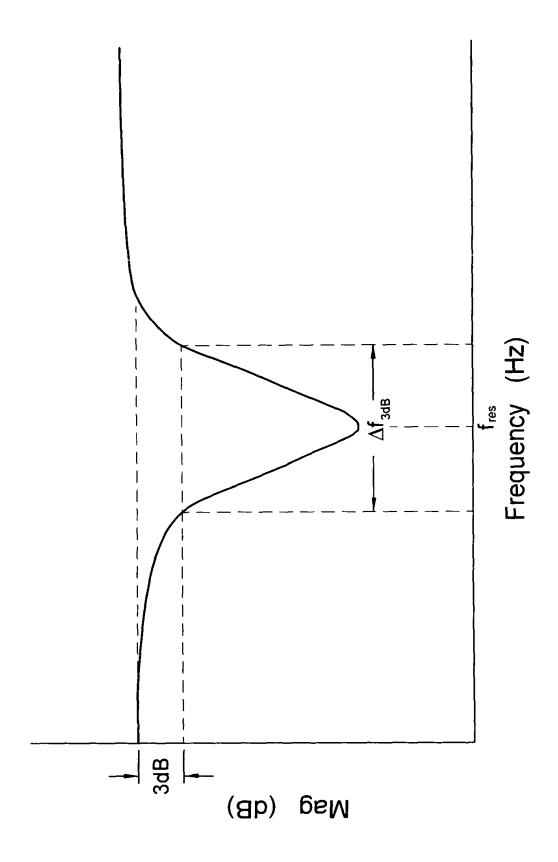


FIG. 3B

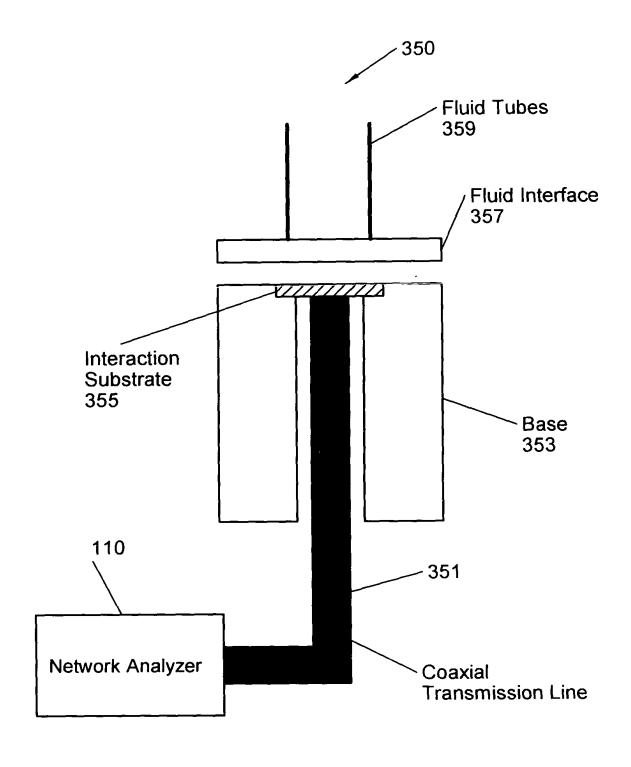


FIG. 3C

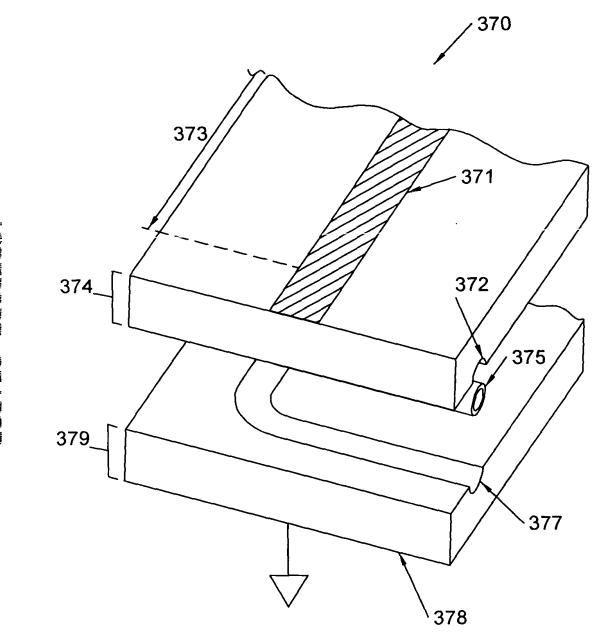


FIG. 3D

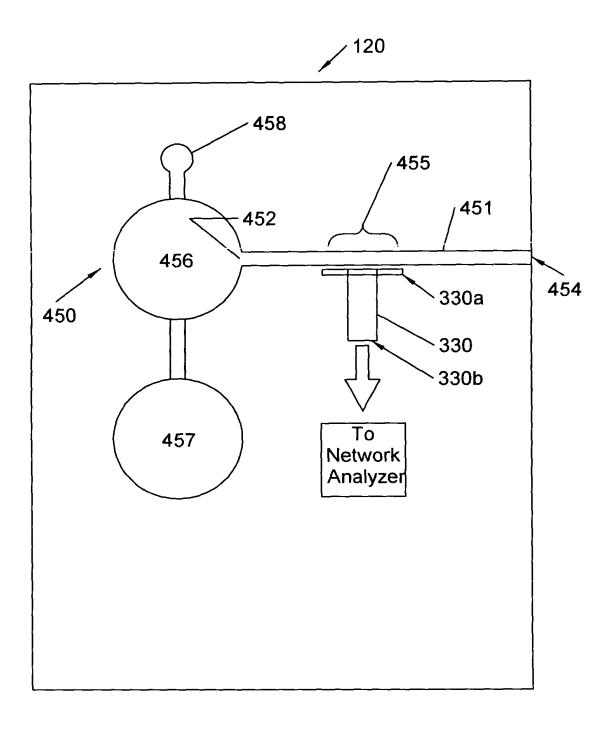
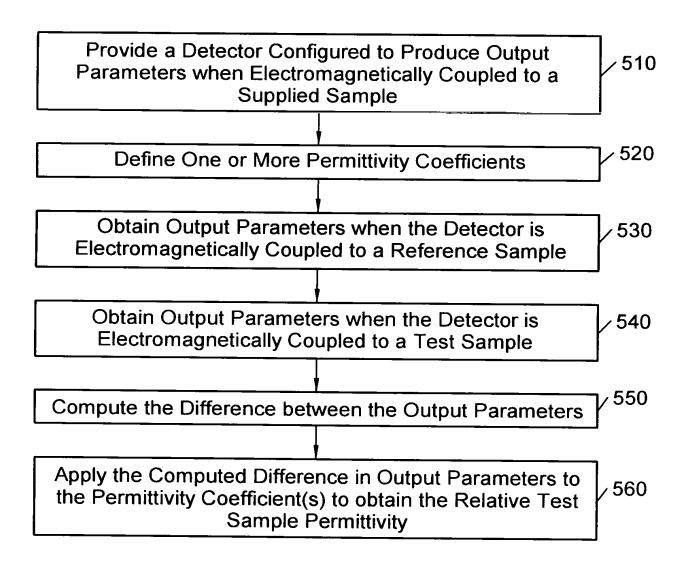
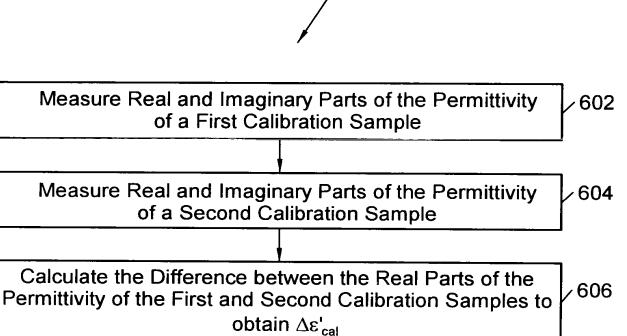


FIG. 4A

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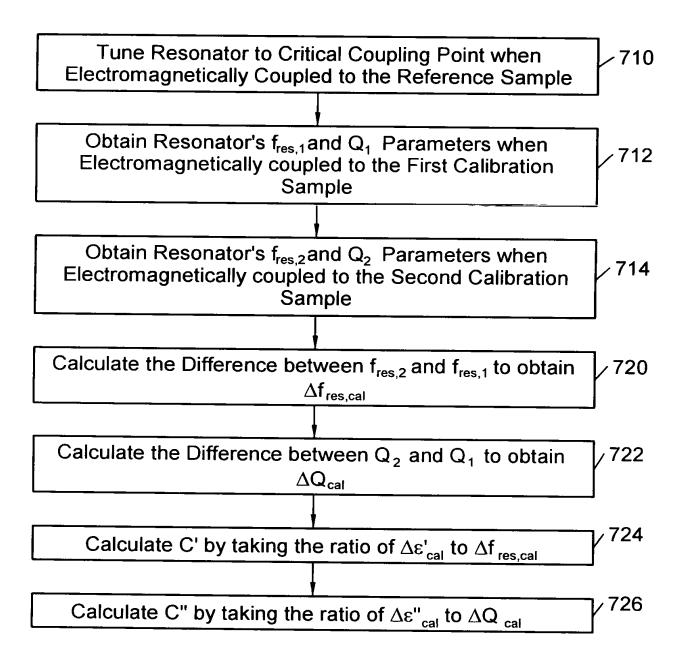


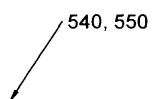


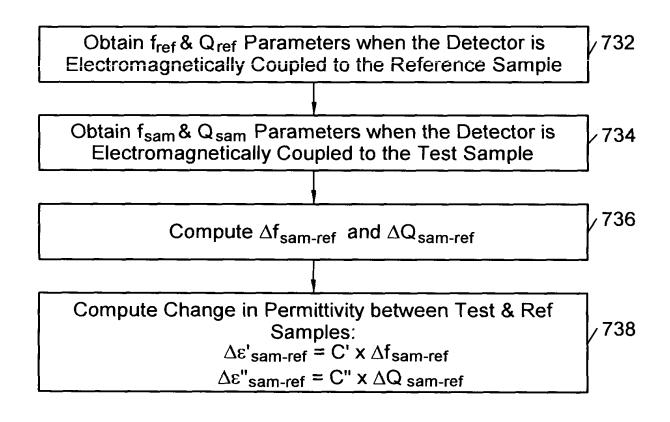
608

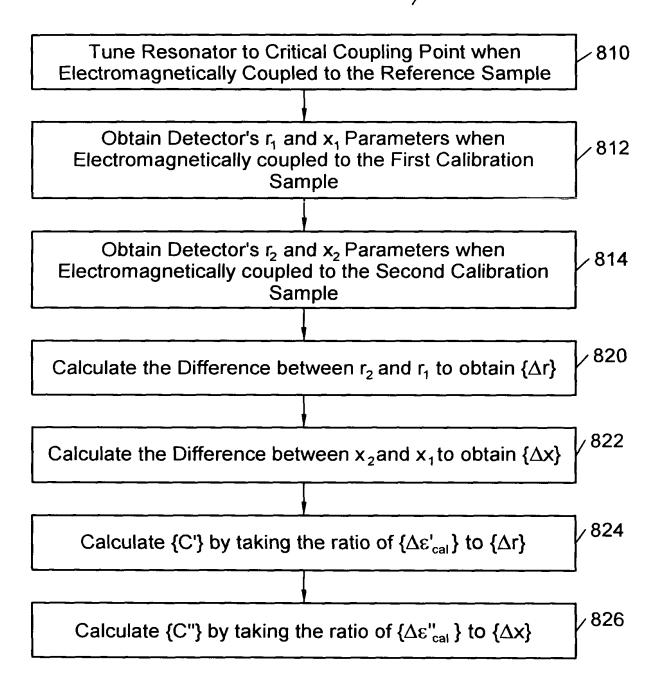
520

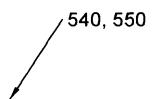
Calculate the Difference between the Imaginary Parts of the Permittivity of the First and Second Calibration Samples to obtain $\Delta\epsilon''_{cal}$

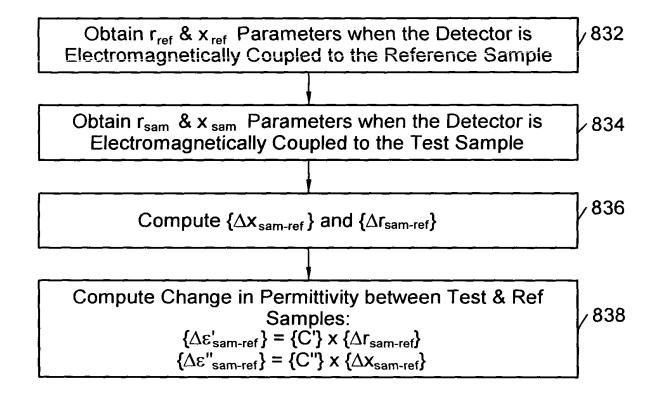














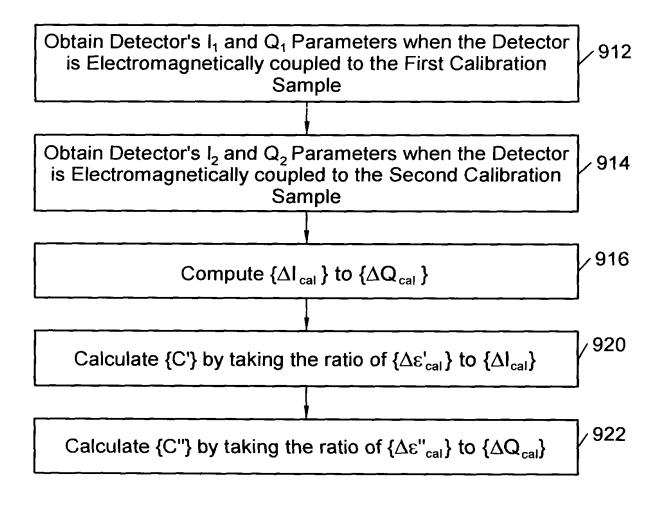
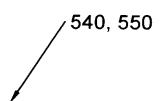
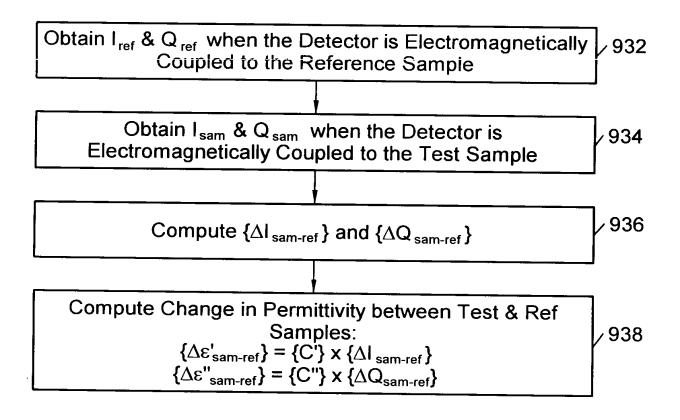


FIG. 9A





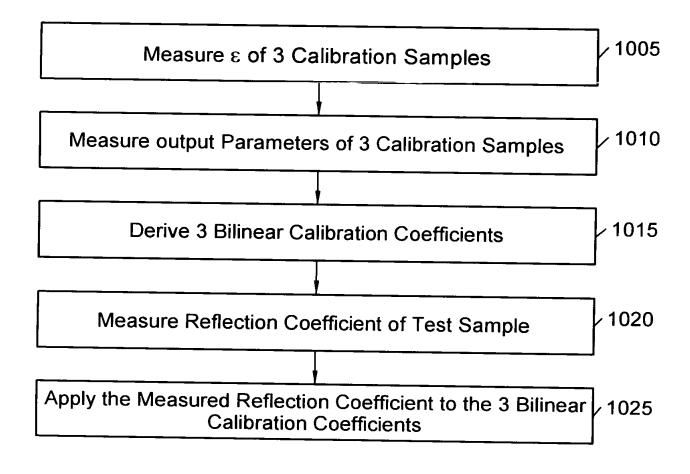


FIG. 10

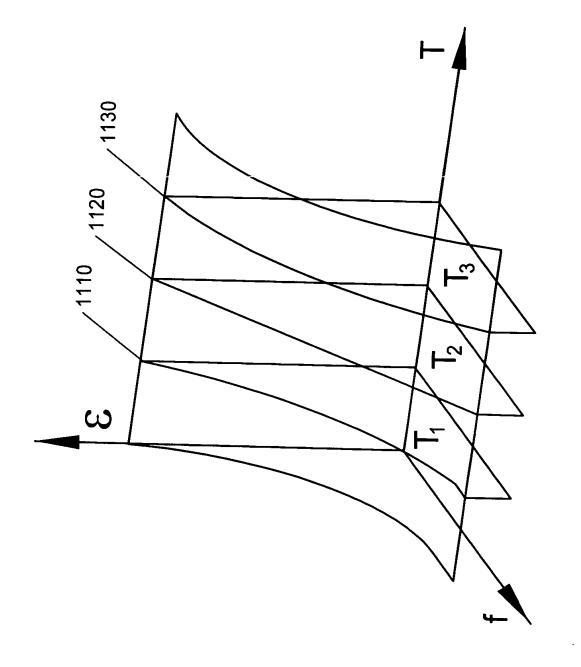


FIG. 11

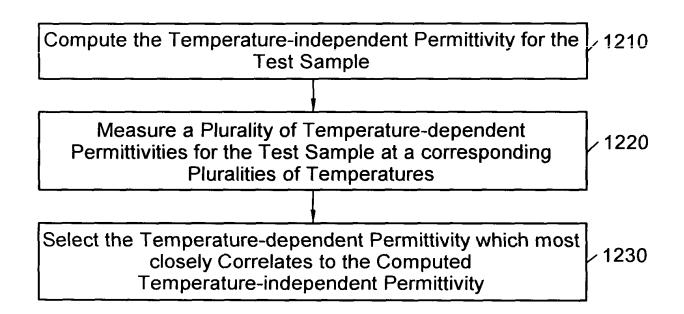


FIG. 12A

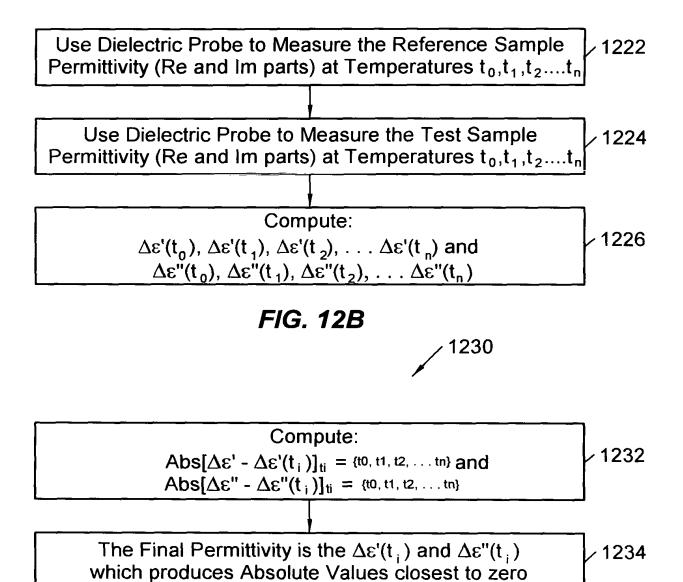


FIG. 12C